

Message

From: Rate, Debra [Rate.Debra@epa.gov]
Sent: 1/11/2021 7:37:21 PM
To: Wagman, Michael [Wagman.Michael@epa.gov]; Blankinship, Amy [Blankinship.Amy@epa.gov]
CC: Adeeb, Shanta [Adeeb.Shanta@epa.gov]; Johnson, Marion [Johnson.Marion@epa.gov]
Subject: RE: Aldicarb - MRIDs used from other carbamates

Thank you. This is helpful. I will let the registrant know so that they can cite it appropriately on the updated data matrix.

Debra

From: Wagman, Michael <Wagman.Michael@epa.gov>
Sent: Monday, January 11, 2021 2:36 PM
To: Rate, Debra <Rate.Debra@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>
Cc: Adeeb, Shanta <Adeeb.Shanta@epa.gov>; Johnson, Marion <Johnson.Marion@epa.gov>
Subject: RE: Aldicarb - MRIDs used from other carbamates

That is an ecotox open lit study. Let me see if I can find a DER for it.

From: Rate, Debra <Rate.Debra@epa.gov>
Sent: Monday, January 11, 2021 2:31 PM
To: Wagman, Michael <Wagman.Michael@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>
Cc: Adeeb, Shanta <Adeeb.Shanta@epa.gov>; Johnson, Marion <Johnson.Marion@epa.gov>
Subject: RE: Aldicarb - MRIDs used from other carbamates

Hi Amy and Mike,

Could you shed any light on the MRID E67983? It is not the standard naming for MRIDs and I couldn't find the study in Documentum.

Debra

From: Wagman, Michael <Wagman.Michael@epa.gov>
Sent: Monday, January 11, 2021 8:03 AM
To: Rate, Debra <Rate.Debra@epa.gov>; Blankinship, Amy <Blankinship.Amy@epa.gov>
Subject: RE: Aldicarb - MRIDs used from other carbamates

FYI, they go in order in the table. So first # is aldicarb, 2nd is methomyl and 3rd is oxamyl. If only 2#s then 1st methomyl and 2nd oxamyl.

From: Rate, Debra <Rate.Debra@epa.gov>
Sent: Monday, January 11, 2021 7:51 AM
To: Blankinship, Amy <Blankinship.Amy@epa.gov>; Wagman, Michael <Wagman.Michael@epa.gov>
Cc: Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>
Subject: RE: Aldicarb - MRIDs used from other carbamates

Thank you so much for sending.

No worries. I can get the chemical information.

Thanks again!!
Debra

From: Blankinship, Amy <Blankinship.Amy@epa.gov>
Sent: Monday, January 11, 2021 7:49 AM
To: Rate, Debra <Rate.Debra@epa.gov>; Wagman, Michael <Wagman.Michael@epa.gov>
Cc: Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>
Subject: RE: Aldicarb - MRIDs used from other carbamates

The MIRD nos. are in the memo, I've copied the table below. What I don't know from the table is what one belongs to which chemical.

Table 1. Tier 1 Honey Bee Toxicity Endpoints for Aldicarb, Methomyl, and Oxamyl

Study Type	Endpoint (µg a.i./bee)	Value for Chemical			MRIDs
		Aldicarb	Methomyl	Oxamyl	
Adult acute contact	LD50	0.29	0.068	0.31	00036935, E67983, 05001991
Adult acute oral	LD50	NA	0.28	0.094	45093001, 05001991
Adult chronic oral	NOAEL	NA	0.011	0.07	49830501, 49520701
	LOAEL	NA	0.017 (18%↑ mortality, 15%↓ food consumption)	0.12 (18%↑ mortality, 24%↓ food consumption)	
Larval acute oral	LD50	NA	3.5	0.93	49876101, 49520702
Larval chronic oral ¹	NOAEL	NA	0.12 ¹	0.36 ¹	49876101, 49520702

NA=Not Available

Bold endpoints are used for risk estimation/characterization

¹ Larval acute oral NOAEL used as an approximation of potential chronic toxicity

From: Rate, Debra <Rate.Debra@epa.gov>
Sent: Monday, January 11, 2021 7:43 AM
To: Blankinship, Amy <Blankinship.Amy@epa.gov>; Wagman, Michael <Wagman.Michael@epa.gov>
Cc: Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>
Subject: RE: Aldicarb - MRIDs used from other carbamates

Hi Amy,

Erin reminded us at the end of the day Friday, that we will likely need to update the Data Matrix with the appropriate MRID Nos.

Thanks.
Debra

From: Blankinship, Amy <Blankinship.Amy@epa.gov>
Sent: Monday, January 11, 2021 7:37 AM
To: Rate, Debra <Rate.Debra@epa.gov>; Wagman, Michael <Wagman.Michael@epa.gov>
Cc: Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>
Subject: RE: Aldicarb - MRIDs used from other carbamates

I'll let Michael answer, but do you mean the DERs for the studies?

Amy

From: Rate, Debra <Rate.Debra@epa.gov>
Sent: Monday, January 11, 2021 6:49 AM
To: Blankinship, Amy <Blankinship.Amy@epa.gov>; Wagman, Michael <Wagman.Michael@epa.gov>
Cc: Johnson, Marion <Johnson.Marion@epa.gov>; Adeeb, Shanta <Adeeb.Shanta@epa.gov>
Subject: Aldicarb - MRIDs used from other carbamates

Hi Amy and Michael,

Do you have easy access to the MRID Nos. for the pollinator studies from the other carbamates you considered/bridged to the aldicarb situation?

Please let me know.

Thank you!

Debra

Debra Rate, Ph.D.
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Invertebrate & Vertebrate Branch 2
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U.S. Environmental Protection Agency

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